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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/708,445	03/04/2004	Ping Chen	ALIP0041USA	2444
	27765	7590 10/13/2006		EXAM	INER
	NORTH AM	TH AMERICA INTELLECTUAL PROPERTY CORPORATION OX 506	DUDEK JR,	DUDEK JR, EDWARD J	
	P.O. BOX 506				
•	<b>MERRIFIELD</b>	, VA 22116		ART UNIT	PAPER NUMBER
				2186	-
				DATE MAILED: 10/13/200	6

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CRR 1.136(a). In no event, however, may a reply be timely filed after SIX (9) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply with, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than there months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  Status  1) Responsive to communication(s) filed on O4 September 2006.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1.3.6 and 7 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  6) Claim(s) is/are rejected.  7) Claim(s) is/are objected to.  8) Claim(s) is/are objected to.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on O4 March 2004 is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).	Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EX WHICHEVER IS LONGER, FROM THE MAILING DATE of THIS CO after SIX (5) MONTHS from the mailing date of this communication. 213 (6). In no event, how after SIX (5) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, the maximum statutory period will apply and will expire. Failure to reply within the set or extended period for reply with by statute, cause the application Any reply received by the Office later than three months after the mailing date of this communication.  1) ■ Responsive to communication(s) filled on 04 September 2006.  2a) ■ This action is FINAL. 2b) ■ This action is non-fired since this application is in condition for allowance except for for closed in accordance with the practice under Exparte Quayle,  Disposition of Claims  4) ■ Claim(s) 1.3.6 and 7 is/are pending in the application.  4a) Of the above claim(s) ■ is/are withdrawn from conside the above claim(s) ■ is/are withdrawn from conside Claim(s) 1.3.6 and 7 is/are allowed.  6) ■ Claim(s) 1.3.6 and 7 is/are rejected.  7) ■ Claim(s) 1.3.6 and 7 is/are rejected.  7) ■ Claim(s) is/are objected to.  8) ■ Claim(s) are subject to restriction and/or election required Application Papers  9) ■ The specification is objected to by the Examiner.  10) ■ The drawing(s) filed on 04 March 2004 is/are: a) ■ accepted of Applicant may not request that any objection to the drawing(s) be held Replacement drawing sheet(s) including the correction is required if the priority under 35 U.S.C. § 119  12) ■ Acknowledgment is made of a claim for foreign priority under 3: a) ■ All b) ■ Some * c) ■ None of:  1. □ Certified copies of the priority documents have been received. Copies of the certified copies of the priority documents have been received. Copies of the certified copies of the priority documents have been received.	Applicant(s)					
Edward J. Didek  - The MAILING DATE of this communication appears on the cover sheet with the correspondence address —  Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensive of time may be available under the provisions of 37 CPR 1.13(6). In or event, however, may a reply be timely filed after SIX (6) MONTHS from the nating date of this communication.  If NO peach or may be specified above, the maximus relating paties of 37 CPR 1.704(b).  Any neply received by the Office bater than three mouths after the mailling date of this communication.  Page 2015. Any neply received by the Office bater than three mouths after the mailling date of this communication, even if firmly filed, may reduce any camered patient than adjustment. See 37 CPR 1.704(b).  Status  1) ☑ Responsive to communication(s) filed on @4 September 2006.  2a) ☑ This action is FINAL.  2b) ☐ This action is non-final.  3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) ☑ Claim(s) 1.3.6 and 7 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  6) ☑ Claim(s) is/are allowed.  6) ☑ Claim(s) is/are allowed.  6) ☑ Claim(s) is/are allowed.  7) ☐ Claim(s) is/are rejected.  7) ☐ Claim(s)	Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EX WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS C.  Extensions of time may be available under the provisions of 37 CFR 1.13(a). In no event, how after SIX (6) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, the maximum statutory period will apply and will expire.  Failure to reply within the set or extended period for reply will, by statute, cause the application Any reply received by the Office later than three months after the mailing date of this communication (any reply received by the Office later than three months after the mailing date of this communication and patent term adjustment. See 37 CFR 1.704(b).  Status  1) □ Responsive to communication(s) filled on O4 September 2006.  2a) □ This action is FINAL.  2b) □ This action is non-fir sline accordance with the practice under Ex parte Quayle,  Disposition of Claims  4) □ Claim(s) 1.3.6 and 7 is/are pending in the application.  4a) Of the above claim(s) □ is/are withdrawn from conside the above claim(s) □ is/are withdrawn from conside the above claim(s) □ is/are withdrawn from conside the above claim(s) □ is/are allowed.  Claim(s) 1.3.6 and 7 is/are rejected.  7) □ Claim(s) is/are allowed.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filled on O4 March 2004 is/are: a) □ accepted of Applicant may not request that any objection to the drawing(s) be held Replacement drawing sheet(s) including the correction is required if the priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 3: a) □ Acknowledgment is made of a claim for foreign priority under 3: a) □ Certified copies of the priority documents have been received. □ Certified copies of the priority documents have been received. □ Certified copies of the priority documents have been received. □ Certified copies of the priority documents have been received. □ Certified copies of the prior	CHEN, PING					
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WHICHEVER IS LONGER, FROM THE MALING DATE OF THIS COMMUNICATION.  Estembers of time may be variable under the provisions of 3 CPR 1.73(e). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  Failure to reply within the set of extended above, the maximum statutory period will apply and will argine SIX (6) MONTHS from the mailing date of this communication.  Failure to reply within the set of extended period for reply will, by statute, cause the application to become ABANDONED (65 U.S.C. § 133). Any reply scenared patent term adjustment. See 37 CPR 1.74(b).  Status  1) □ Responsive to communication(s) filed on 04 September 2006.  2a) □ This action is FINAL.  2b) □ This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) □ Claim(s) 1.3.6 and Z is/are pending in the application.  4a) Of the above claim(s) □ is/are withdrawn from consideration.  5) □ Claim(s) 1.3.6 and Z is/are rejected.  7) □ Claim(s) 1.3.6 and Z is/are rejected.  7) □ Claim(s) 1.3.6 and Z is/are rejected.  7) □ Claim(s) 1.3.6 and Z is/are rejected to.  8) □ Claim(s) 1.3.6 and Z is/are rejected to by the Examiner.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on 04 March 2004 is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None o	WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS CI  Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, how after SIX (6) MONTHS from the mailing date of this communication.  If NO period for repty is specified above, the maximum statutory period will apply and will expire. Failure to repty with the set or extended period for repty will, by statute, cause the application Any repty received by the Office later than three months after the mailing date of this communic earned patent term adjustment. See 37 CFR 1.704(b).  Status  1) □ Responsive to communication(s) filed on 04 September 2006.  2a) □ This action is FINAL. 2b) □ This action is non-fir 3) □ Since this application is in condition for allowance except for for closed in accordance with the practice under Ex parte Quayle,  Disposition of Claims  4) □ Claim(s) 1.3.6 and 7 is/are pending in the application.  4a) Of the above claim(s) □ is/are withdrawn from conside 5) □ Claim(s) □ is/are allowed.  6) □ Claim(s) 1.3.6 and 7 is/are rejected.  7) □ Claim(s) 1.3.6 and 7 is/are rejected.  8) □ Claim(s) 1.3.6 and 7 is/are rejected to.  8) □ Claim(s) 1.3.6 and 7 is/are rejected to.  8) □ Claim(s) 1.3.6 and 7 is/are rejected to Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on 04 March 2004 is/are: a) □ accepted on Applicant may not request that any objection to the drawing(s) be held Replacement drawing sheet(s) including the correction is required if the priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 3: a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been recomment of the priority documents have been reco	er sheet with the correspondence address					
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Attachment(s)	Attachment(s)						
1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)	· ·	- , ,					
	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date  Notice of Informal Patent Application					
2) I. I. Information Dicalogue Statement/o/ (DTO/SD/09) 5) I. I. Notice of Informal Patent Application	<u> </u>	Other:					

Application/Control Number: 10/708,445

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## **DETAILED ACTION**

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, and 6-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujimoto (U.S. Patent #6,377,500). Referring to claim 1: Fujimoto teaches a method of

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accessing a nonvolatile memory, the nonvolatile memory being installed in an electronic device and comprising a plurality of zones, each zone comprising a pplurality of spare blocks, the method comprising the following steps: determining if a look up table is stored in each zone of the nonvolatile memory (see column 10, lines 45-46), and if the zones of the non-volatile memory do not contain a corresponding look up table, storing a look up table of each zone in at least a spare block of the zone (see column 11, lines 9-12); the electronic device calculating one of the zones of the nonvolatile memory corresponding to a logic address used by a host for accessing the nonvolatile memory (see column 12, lines 4-12); the electronic device reading the look up table of the zone calculated in step (b) from at least one of the spare blocks and storing the look up table in a memory of the electronic device (see column 12, lines 36-43); and the host accessing the nonvolatile memory according to the look up table stored in the memory of the electronic device (see column 12, lines 59-63). Referring to claim 3: determining if the zone calculated in step (b) equals the zone corresponding to the look up table stored in the memory of the electronic device (see column 12, lines 10-12). Referring to claim 6: the nonvolatile memory is a flash memory (see column 7, line 56). Referring to claim 7: a device for implementing the method of claim 1 (see column 7, lines 57-60).

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edward J. Dudek whose telephone number is 571-270-1030. The examiner can normally be reached on Mon thru Thur 7:30-5:00pm Sec. Fri 7:30-4 pm EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim can be reached on 571-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Edward Dudek

September 28, 2006

MATTHEW KIM SUPERVISORY PATENT EXAMIT. TECHNOLOGY CENTER 2